

Ship Monday 14/06

# Work Order ID 59736

June 10, 2010 10:30:30 AM

Page 1

Item ID: D3034-1

Accept

Setup Start

Revision ID:

Item Name: Bearpaw

Stop

Start Date: 6/10/10 Start Qty: 8.00

Cust Item ID:

Required Date: 6/11/10 Req'd Qty: 8.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3034

Rev A1

120

0.00



FLOW-WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

CUT BLANK AS PER FILE D3034-1\_BLANK

A1

1810-6-10

8

130

0.00



HAAS CNC VERTICAL MACHINING #1

HAAS 1

Memo

0.00

HAAS CNC vertical machine #1

1- Mill as per Folio FA148 Rev: AA & Dwg D3034 Rev: A1  
2-Deburr per dwg D3034

10/06/12  
10/06/11

8 0

140

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

10/06/12  
10/06/11

8 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 59736

June 10, 2010 10:30:30 AM



Page 2

Item ID: D3034-1

Accept



Setup Start



Revision ID:

Item Name: Bearpaw

Stop



Start Date: 6/10/10

Start Qty: 8.00



Cust Item ID:

Required Date: 6/11/10

Req'd Qty: 8.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

150

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

*9-10-06-14*

151

Identify as per dwg & Stock Location: \_\_\_\_\_

0.00



Packaging

Memo

0.00

Packaging

*MM*

*59736*

*10-6-14*

190

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*10/06/14*

*MF*  
*10-6-14*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

June 10, 2010 10:30:29 AM

Page 1

Work Order ID: 59736

Parent Item: D3034-1

Parent Item Name: Bearpaw

Start Date: 6/10/10

Required Date: 6/11/10

Comments:

Start Qty: 8.00

Required Qty: 8.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MUHMWB10		Purchased	No			120	sf	365.7000	4.16	33.28			



KB 10-6-10

UHMW 1" Black

Location

Loc Qty

Loc Code

MAT

365.7

112186

20.7

113903

88

114624

257

114624

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

D3034DART AEROSPACE LTD		Work Order:	59736
Description: Bearpaw		Part Number:	D3034-1
Inspection Dwg: D3034	Rev: A1	Page 1 of 1	

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Inspection Sheet Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	11.75	+/-0.030	11.750	—		
B	3.40	+/-0.030	3.430	—		
C	19.00	+/-0.030	19.000	—		
D	0.375	+/-0.010	374	—		
E	0.950	+0.030/-0.010	949	—		
F	0.06 x 45°	+0.030/-0.010	070 x 45°	—		
G	0.25 x 45°	+/-0.030	240 x 45°	—		
H	R0.25	+/-0.030	R.250	—		
I	0.630	+/-0.030	.625	—		
J	0.250	+/-0.010	.243	—		
K	4.50	+/-0.030	4.525	—		
L	0.20	+/-0.030	.190	—		
M	Ø0.260	+0.005/-0.000	Ø.260	—		
N	Ø0.93	+/-0.030	Ø.928	—		
O	0.30	+0.030/-0.000	.306	—		
P	28.25	+/-0.030	28.250	—		
Q	0.37	+/-0.030	.378	—		
R	4.750	+/-0.030	4.750	—		
S	9.750	+/-0.010	9.750	—		
T	11.000	+/-0.010	11.000	—		
U	8.66	+/-0.030	8.660	—		
V	5.000	+/-0.010	5.000	—		

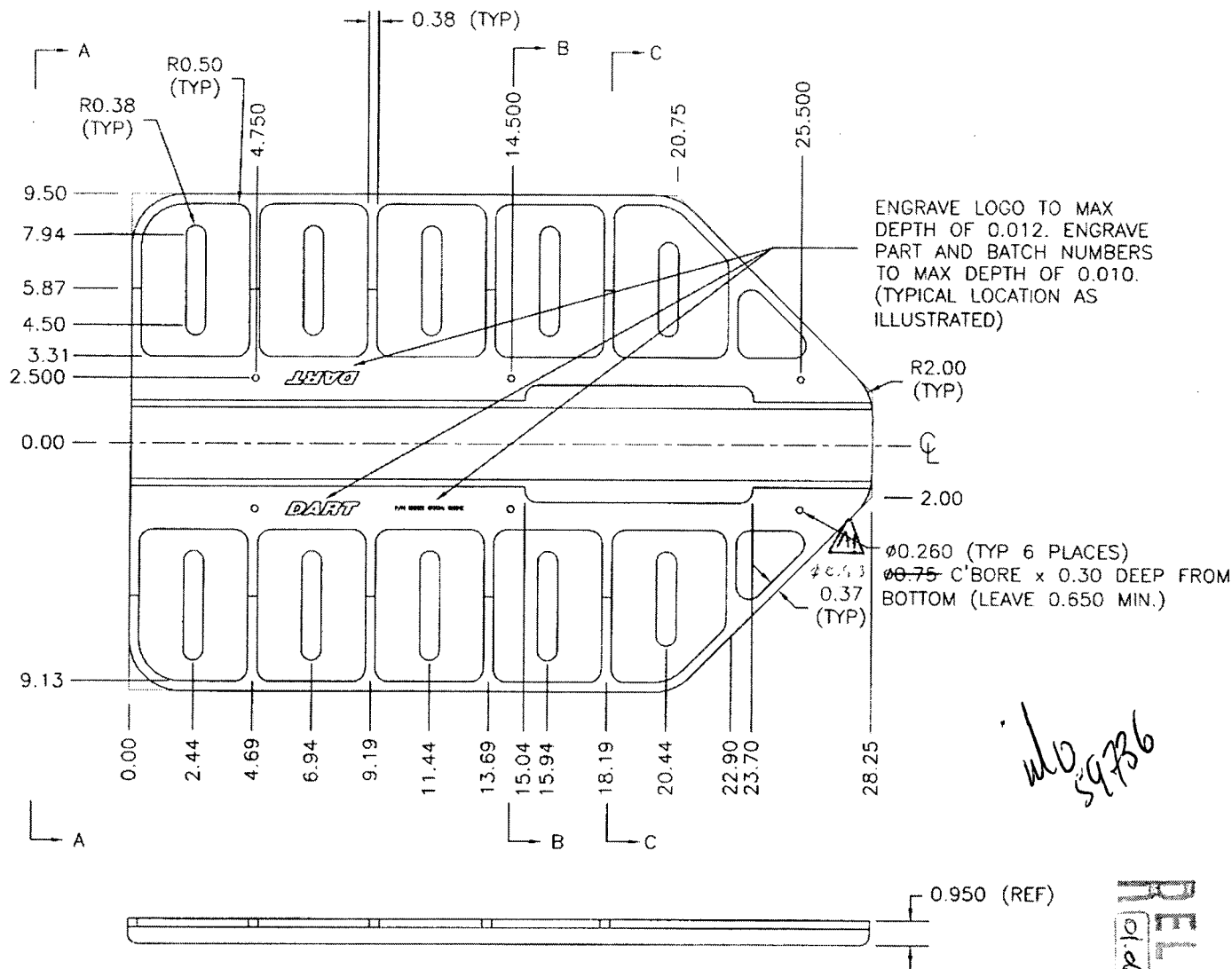
Measured by: <i>amf</i>	Audited by: <i>[Signature]</i>	Prototype Approval:	N/A
Date: 10/06/11	Date: 10.06.14	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	03.09.22	New Issue P/O D119-647-011	KJ/RF <i>[Signature]</i>	<i>[Signature]</i>

**DART**



DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	REV. A
CHECKED <i>12</i>	APPROVED <i>CP</i>	DRAWING NO. D3034	SHEET 1 OF 2
DATE 01.06.21		TITLE BEARPAW	SCALE 1:6
A	01.06.21	NEW ISSUE	



D3034-1

BEARPAW IS SYMMETRIC ABOUT CENTERLINE (EXCEPT FOR ENGRAVING)

MATERIAL: UHMW BLACK PER SPEC CONTROL DRAWING D2689

1.00 THICK (MACHINE TO 0.950)

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED  
01.06.26

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Copyright © 2001 by DART AEROSPACE USA, INC.



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

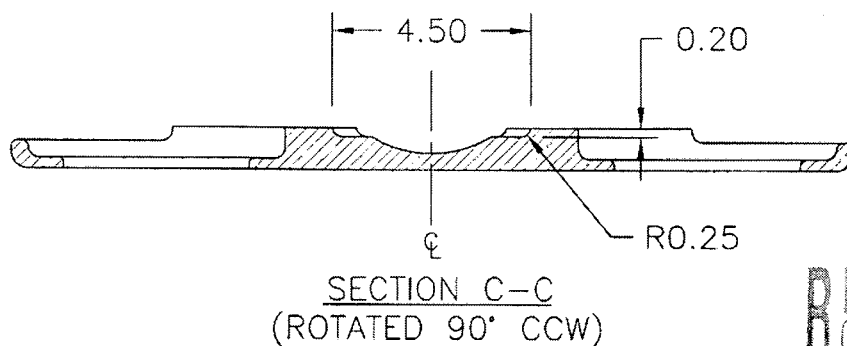
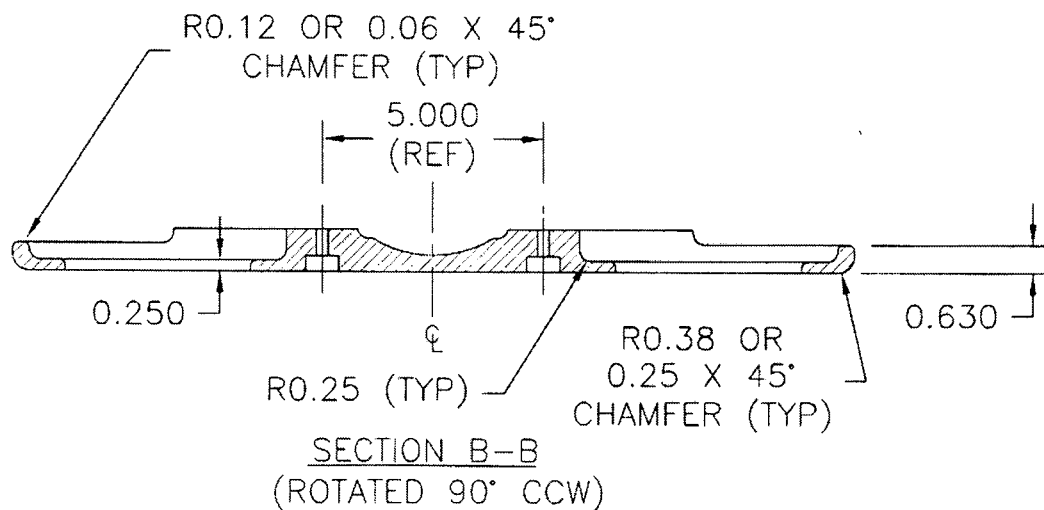
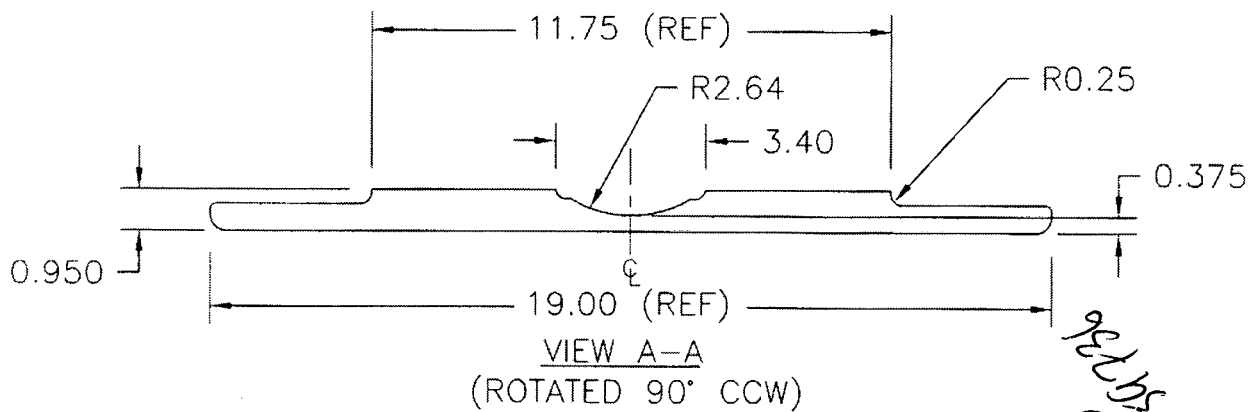
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>TH</i>	DRAWN BY <i>CP</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>TH</i>	APPROVED <i>TH</i>	DRAWING NO. D3034	REV. A SHEET 2 OF 2
DATE 01.06.21		TITLE BEARPAW	SCALE 1:4



RELEASED  
*01.06.21*

Copyright © 2001 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.